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## Certificate of Analysis

### Goat Anti-Mouse IgG (H+L), Fluorescein conjugate

(goat polyclonal IgG)

Catalog # 12-506

Lot # 31502

**Immunogen:** Mouse IgG whole molecule.

**Specificity:** Recognizes mouse IgG, both heavy and light chains. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-fluorescein, anti-goat serum, mouse IgG and mouse serum.

**Species Cross-reactivity:** Mouse.

**Absorption Wavelength:** 495nm

**Emission Wavelength:** 528nm

**Fluorochrome/Protein Molar Ratio:** 3.3

**Formulation:** 500µg of immunoaffinity purified goat IgG, conjugated to fluorescein lyophilized from 500µl of 20mM potassium phosphate, pH 7.2, 150mM NaCl, 0.01% sodium azide and 10mg/ml BSA. Lyophilized powder.

**Storage and Stability:** Stable for 1 year at -20°C from date of shipment. **Once opened, dilute with 250µl of distilled water, aliquot, and freeze at -20°C or below for extended storage. Avoid multiple freeze-thaw cycles.** Dilute only immediately prior to use.

**FOR RESEARCH USE ONLY  
NOT FOR USE IN HUMANS**

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### Research Applications

**Application(s):** Suitable for immunomicroscopy and flow cytometry or FACS analysis, as well as other antibody based fluorescent assays requiring lot-to-lot consistency. Optimal antibody dilution should be determined by the researcher.

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